

CENTER ROUTING SLIP

Approved For Release 2004/03/26 : CIA-RDP78B05703A000200030026-3

FROM		CH/PPBS		DATE	8/28/70
TO	INITIALS	DATE	REMARKS		
DIRECTOR			<p>1-2 <u>FYI</u></p> <p>The [ ] cont. road has not been approved as yet .... It is awaiting the return of Col White on 31 Aug.</p> <p>[ ] provided the attached to [ ]</p> <p>[ ] to be used in forwarding to Col. White.</p>		
DEP/DIRECTOR					
EXEC/DIRECTOR					
SPECIAL ASST	1	8/31			
ASST TO DIR		8/28			
HISTORIAN					
<del>ISSA</del>	2				
CH/PPBS					
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CH/SSD/TSSG					
PERSONNEL					
LOGISTICS					
TRAINING					
RECORDS MGT					
SECURITY					
FINANCE					
DIR/IAS/DDI					
CH/DIAXX-4					
CH/DIAAP-9					
CH/PPBS					

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Declass Review by NGA

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MEMORANDUM FOR:

Chuck

I've prepared the attached  
as if I were in your position  
submitting a covering letter  
to Col White on the project  
request. Does it fit the bill?

Sc

8/27  
(DATE)FORM NO. 101  
1 AUG 54REPLACES FORM 10-101  
WHICH MAY BE USED.

(47)

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25X1 1. The attached memorandum requests approval of an NPIC R&D contract with the [ ] from FY-71 funds.

2. If approved, this contract will fund the Imagery Interpretation Research Program for an additional 12 months. The program, the main thrust of which is to improve the efficiency and effectiveness of the photointerpretation process, has been conducted by [ ] for NPIC since June, 1966. 25X1

25X1 3. The most recent contract in this program provided for a [ ] 18-month effort which ended in August, 1970. NPIC realized a number of tangible benefits from that effort. Among them are:

a. Mensuration Accuracy Statements

Error prediction equations were developed so that measurements can be qualified with a high degree of confidence.

b. Training Packages

Several packages were developed for internal use to improve the PI's target recognition ability and the comparator operator's mensuration ability. Results to date show appreciable performance improvement.

c. Performance Assessment Tests

A number of tests have been developed to measure performance in areas such as mensuration, target knowledge, searching ability and reasoning ability. The results of the tests have been applied to the selection and training of personnel and to identifying trouble areas in procedures, equipment design, training methods, etc. An interesting application of the tests was to assess the effects of an alternative approach to the PI exploitation process, one emphasizing area, rather than target, specialization. The alternative approach was implemented resulting in significant improvements in search performance.

d. Equipment Design/Development Support

The contractor provided human factors evaluation of a number of NPIC-developed equipment items. [ ] recommendations, several potentially troublesome design features were modified in equipment under development. 25X1

4. The proposed FY-71 program will concentrate on the following research areas:

a. Continuation of the effort to improve photointerpretation

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and mensuration skills.

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b. Continuing support to the equipment development program.

c. Photointerpreter vision research, particularly as it relates to stereo and color imagery.

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d. Determining what effects variations in the objective, technical measures of film quality have upon PI performance.

e. Continuing review and compilation of literature relevant to the PI process.

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